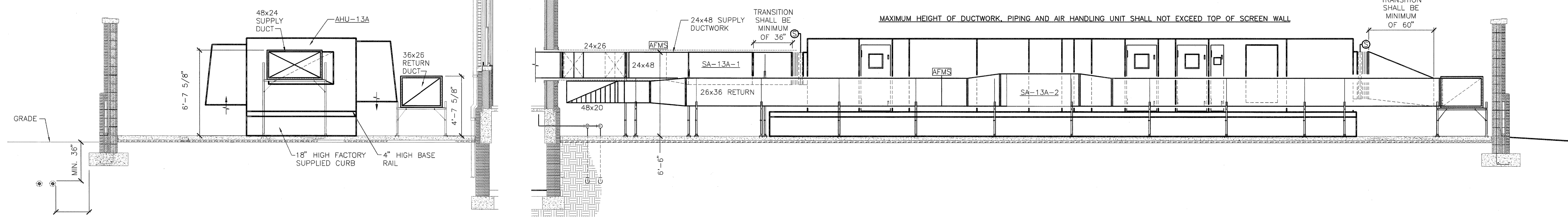
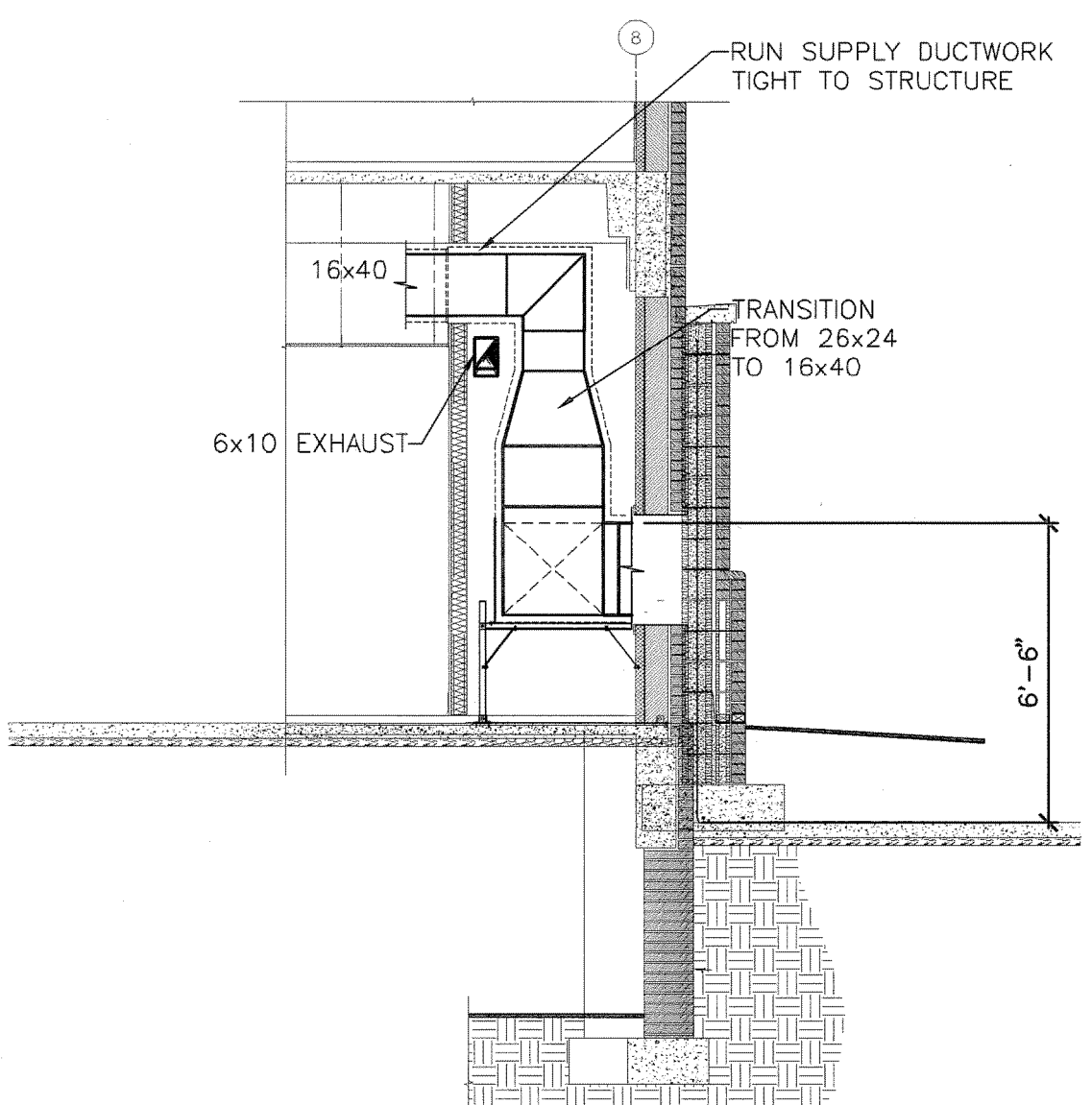


three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
one quarter inch = one foot
one eighth inch = one foot

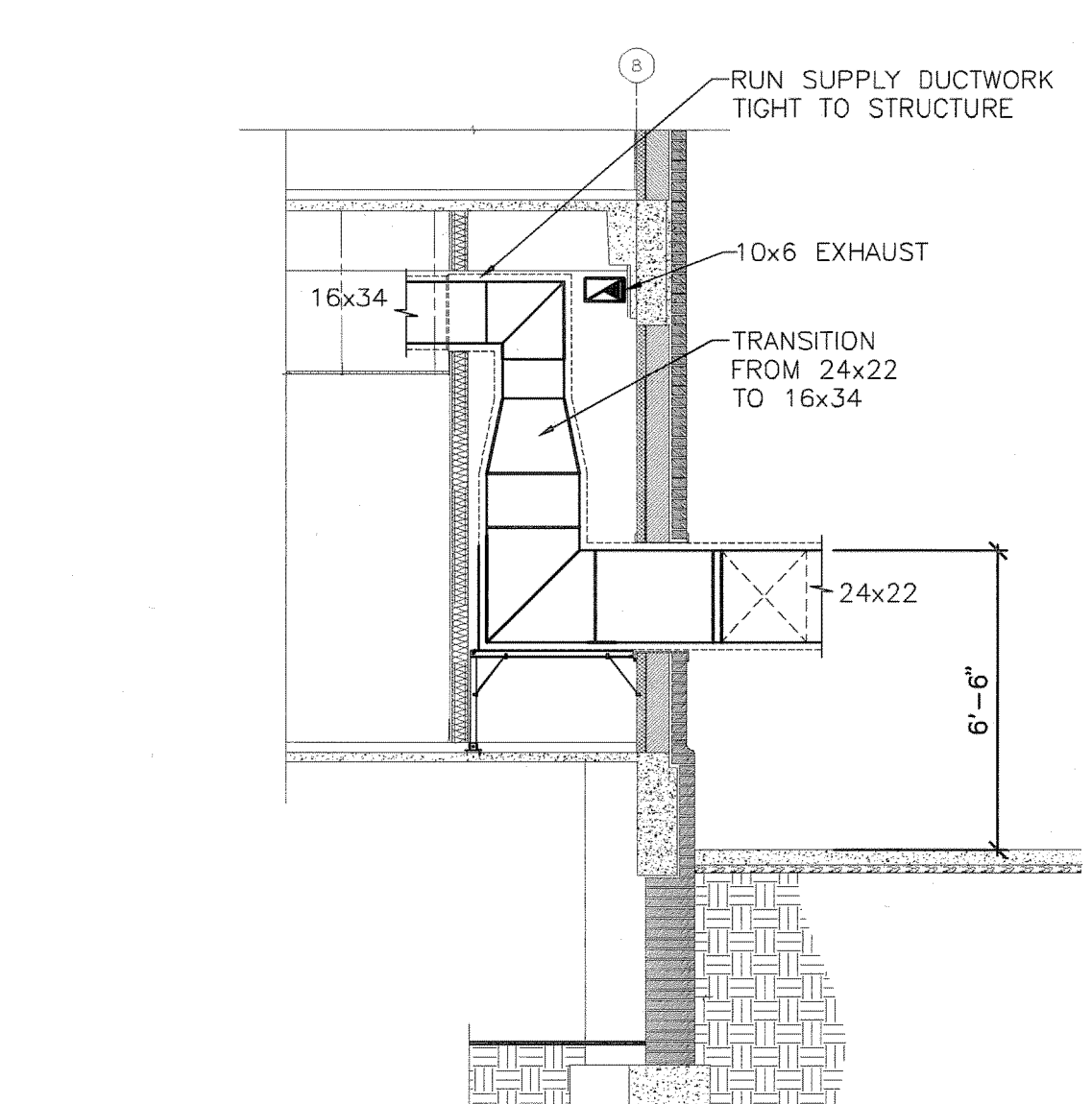


SECTION AT MECHANICAL YARD
SCALE: 1/4" = 1'-0"

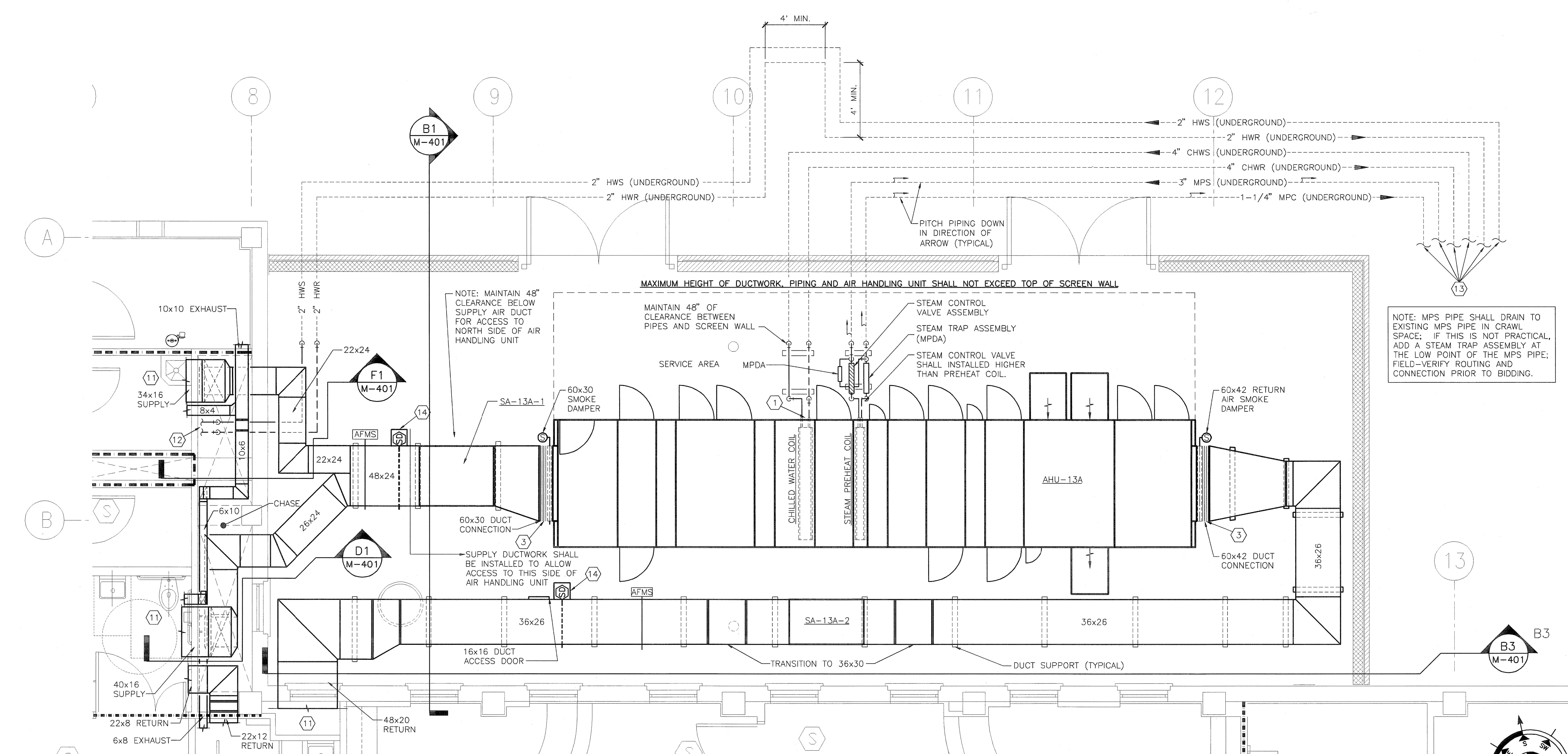
SECTION AT MECHANICAL YARD
SCALE: 1/4" = 1'-0"



SECTION AT MECHANICAL YARD
SCALE: 1/4" = 1'-0"



SECTION AT MECHANICAL YARD
SCALE: 1/4" = 1'-0"



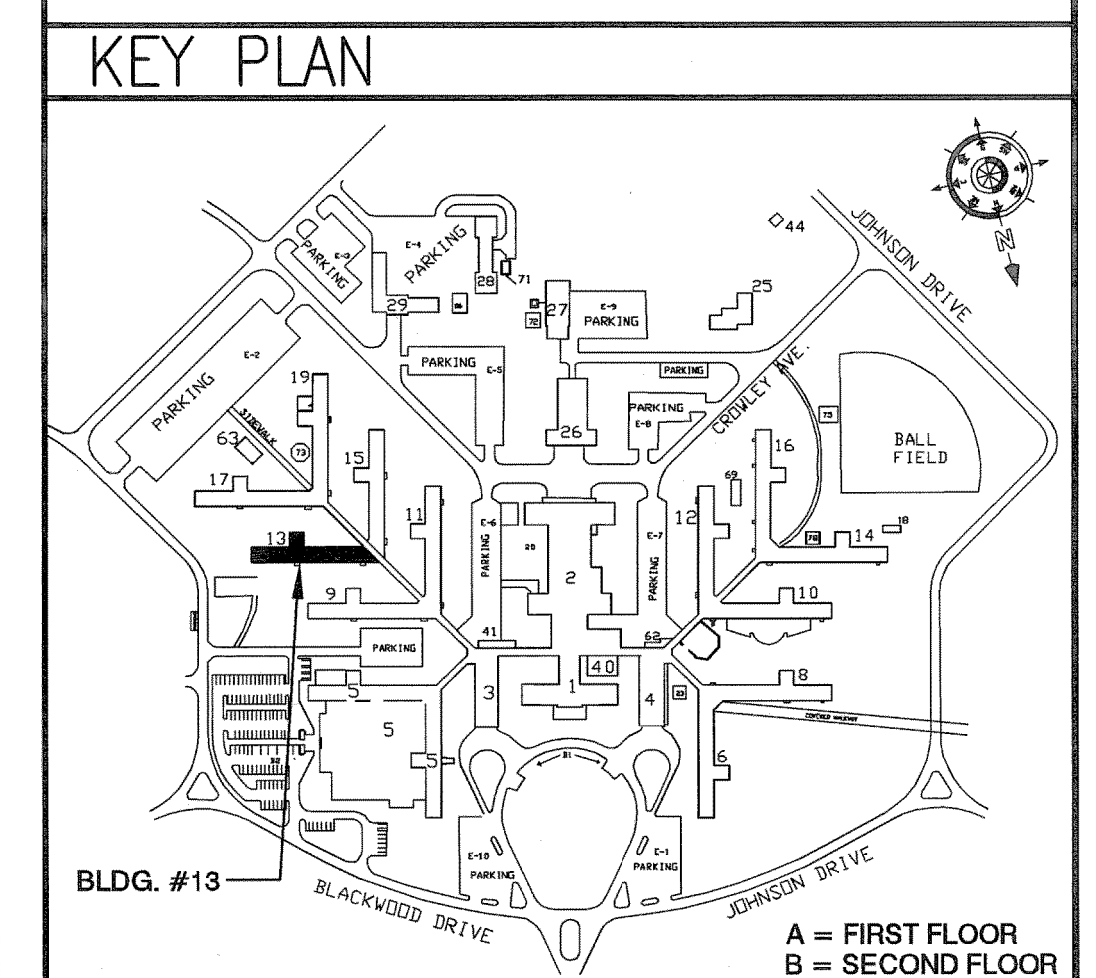
MECHANICAL YARD PLAN
SCALE: 1/4" = 1'-0"

- ### GENERAL NOTES
- DUCTWORK INSTALLED IN MECHANICAL SERVICE YARD SHALL NOT BE VISIBLE ABOVE SCREEN WALL.
 - DUCT SUPPORTS SHALL NOT BE INSULATED WITH THE DUCTWORK. DUCT SUPPORTS SHALL BE EXTERIOR TO THE DUCT/INSULATION ASSEMBLY.
- ### SHEET KEYNOTES
- ROUTE CONDENSATE PIPING TO HUB DRAIN BY PLUMBING CONTRACTOR. CONDENSATE SHALL BE CONNECTED TO SANITARY.
 - SEE DRAWING F1/M-101 FOR CONTINUATION.
 - FLEXIBLE CONNECTION.
 - LOW SIDEWALL EXHAUST GRILLE SHALL BE NALOR MODEL 6745H. GRILLE MODULE SIZE SHALL BE 10" WIDE x 6" HIGH. BOTTOM OF GRILLE SHALL BE MOUNTED 12" ABOVE FINISHED FLOOR. MAXIMUM EXHAUST CFM SHALL BE 250.
 - MOTOR OPERATED DAMPER.
 - KEYED NEGATIVE/NEUTRAL SWITCH.
 - AIR FLOW CONTROL VALVE, AFDY-1, SHALL BE EQUAL TO PHOENIX-ACCEL II VENTURI VALVE. VALVE SHALL BE PRESSURE INDEPENDENT, CONSTANT VOLUME EXHAUST (CEV), SINGLE TYPE, WITH FLOW FEEDBACK. CONSTANT VOLUME SETTING SHALL BE SET FOR 250 CFM.
 - 12x12 EXHAUST DUCT UP TO SECOND FLOOR. SEE F1/M-103 FOR CONTINUATION.
 - LOW SIDEWALL EXHAUST GRILLE SHALL BE NALOR MODEL 6745H. GRILLE MODULE SIZE SHALL BE 10" WIDE x 6" HIGH. BOTTOM OF GRILLE SHALL BE MOUNTED 12" ABOVE FINISHED FLOOR. MAXIMUM EXHAUST CFM SHALL BE 210.
 - AIR FLOW CONTROL VALVE, AFDY-2, SHALL BE EQUAL TO PHOENIX-ACCEL II VENTURI VALVE. VALVE SHALL BE PRESSURE INDEPENDENT, CONSTANT VOLUME EXHAUST (CEV), SINGLE TYPE, WITH FLOW FEEDBACK. CONSTANT VOLUME SETTING SHALL BE SET FOR 210 CFM.
 - SEE M-101 FOR CONTINUATION.
 - SEE E1/M-102 FOR CONTINUATION.
 - SEE B4/M-102 FOR CONTINUATION.
 - SMOKE DETECTOR BY FIRE ALARM CONTRACTOR MOUNTED IN ENCLOSED INSULATED BOX WITH 16x16 ACCESS DOOR WITH DOUBLE-WALL GLASS VIEW PANEL.

COORDINATION DRAWINGS

THE MECHANICAL CONTRACTOR SHALL TAKE THE LEAD IN PREPARATION OF COORDINATION DRAWINGS. SUCH DRAWINGS SHALL BE ARRANGED AND DESIGNED THROUGH AND FROM COORDINATION WITH ALL OTHER MAJOR AND MINOR SUBCONTRACTORS AND THE GENERAL CONTRACTOR. PROVIDE PLAN VIEWS, SECTIONS AND ELEVATIONS AS REQUIRED TO FULLY COORDINATE ALL NEW WORK WITH ITSELF AND EXISTING CONDITIONS. DRAW TO SCALE (AT NOT LESS THAN 3/8" = 1'-0"). DRAWINGS SHALL SHOW, BUT NOT BE LIMITED TO: ALL WALL RATINGS; ALL DUCTWORK; ALL AIR DISTRIBUTION; MECHANICAL EQUIPMENT; MECHANICAL PIPING; FIRE PROTECTION PIPING; ALL PLUMBING PIPING; CABLE TRAYS (WITH ELEVATIONS NOTED); LIGHTING FIXTURES (WHEN CEILING MOUNTED); CEILING GRID AND CEILING HEIGHT; MAJOR BEAMS AND JOISTS (WITH ELEVATIONS MARKED); FIRE ALARM DEVICES AND SPEAKERS (WHERE CEILING MOUNTED); ELECTRICAL CONDUITS LARGER THAN 2-INCH DIAMETER; ELECTRICAL BUSWAY AND REQUIRED CLEARANCES; EQUIPMENT PROVIDED BY OTHERS THAT PROTRUDE INTO CEILING CAVITIES OR IMPEDE THE LOCATION OR ACCESS TO ABOVE CEILING PIPING, DUCTWORK OR OTHER EQUIPMENT. SECTIONS SHALL BE CUT THROUGH AREAS SHOWING MATERIALS AND SYSTEMS OF ALL CONTRACTS. IF THERE ARE ANY OUTSTANDING ISSUES THAT CANNOT BE RESOLVED, CONSULT WITH THE ARCHITECT AND/OR ENGINEER (THROUGH THE VA COTR) FOR GUIDANCE AND MAKE CORRECTIONS IN ACCORDANCE WITH DIRECTIONS GIVEN. IT IS IMPORTANT TO NOTE THAT FABRICATION CANNOT BEGIN UNTIL COORDINATION DRAWINGS HAVE BEEN APPROVED. ANY MATERIAL, EQUIPMENT, SYSTEMS, ETC., PROCUREMENT OR INSTALLATION COMMENCED PRIOR TO APPROVAL IS TAKEN AT THE CONTRACTORS OWN RISK AND MAY HAVE TO BE MODIFIED, MOVED AND/OR RECONFIGURED AT THE CONTRACTORS COST.

- ### TYPICAL SYMBOLS
- EXISTING WALL, DOOR, WINDOW, MILLWORK, FIXTURE OR OTHER FIXTURE OR ASSEMBLY TO BE REMOVED
 - EXISTING WALL, DOOR, WINDOW, MILLWORK, FIXTURE OR OTHER FIXTURE OR ASSEMBLY TO REMAIN
 - NEW WALL
 - SMOKE TIGHT WALL
 - 1-HOUR FIRE RATED WALL
 - 2-HOUR FIRE RATED WALL
 - 1 HOUR FIRE SMOKE RATED WALL
 - PROJECT LIMITS OF WORK
 - NO PIPING OR DUCTWORK SHALL BE ROUTED THROUGH ELECTRICAL AND/OR DATA ROOMS.

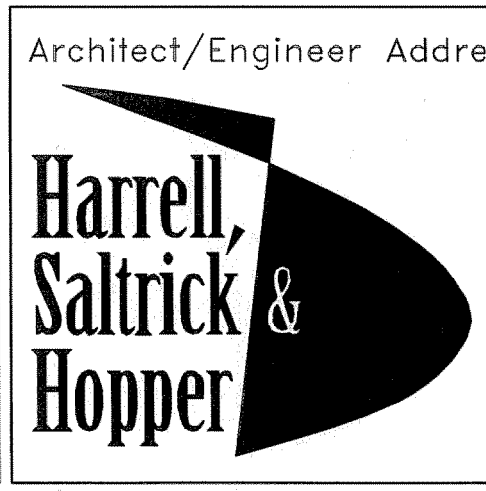
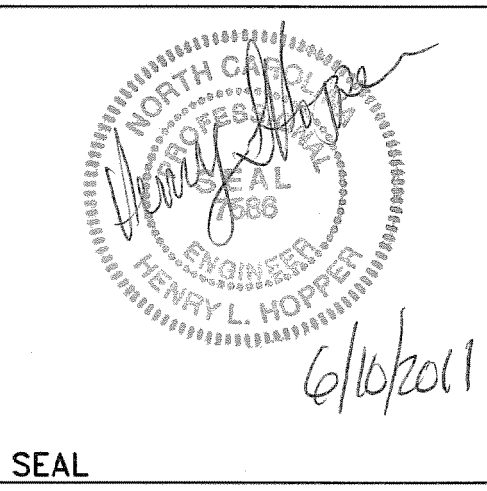


100% SUBMITTAL

REVISION NO.	REVISION DESCRIPTION	By	Date



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Architect/Engineer Address

Recommended Approvals:	
1. MEDICAL DIRECTOR	6. OPERATIONS SERVICE LINE MANAGER
2. ASSOCIATE DIRECTOR	7. INFECTION CONTROL SAFETY MANAGER
3. CHIEF OF STAFF	8. SAFETY MANAGER
4. ASSOC. DIRECTOR	9. GENERAL ENGINEER
5. SERVICE LINE MGRS.	10. COTR

Drawing Title	MECHANICAL YARD PLAN
FULLY SPRINKLERED	

Project Title	RENOVATE 13A FOR ENDOSCOPY SUITE
Drawn	AGT
Building Number	
AutoCAD File Name	
Checked	LEH/HJH
Reviewed	
Const. Contract No.	

Date	June 10, 2011
Project Number	557-10-108
DRAWING No.	M-401

